

**DART**

DESIGN <i>[Signature]</i>	DRAWN BY <i>[Signature]</i>	<b>DART AEROSPACE USA, INC.</b> PORT HADLOCK, WA	
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. <b>D3499</b>	REV. A SHEET 1 OF 4
DATE <b>06.04.11</b>		TITLE <b>CABLE GUARD</b>	SCALE 1:4
A	06.04.11	NEW ISSUE	

**UNDER REVIEW**

06.07.07 CB

D3499-2 drawn wrong

AN3C6A BOLT (1)  
NAS1515H3L WASHER (1)  
AN960C10L WASHER (2)  
MS21043-3 NUT (1)  
(5 PLACES)

D3499-3 PLASTIC  
GUARD (1)

D3499-2 MOUNTING  
PLATE (1)

D3499-5 PLACARD  
(2 PLACES)

5.25  
(TYP)

AN3C6A BOLT  
(REF)

AN960C10L WASHER  
(REF)

NAS1515H3L WASHER  
(REF)

AN960C10L WASHER  
(REF)

MS21043-3 NUT  
(REF)

**DETAIL A**  
SCALE 1:1

RELEASED

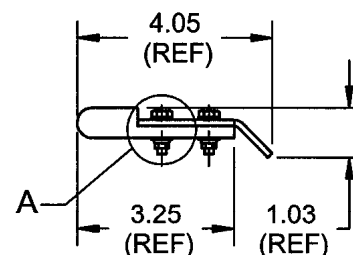
06.05.03 *[Signature]*

45.57  
(REF)

51.00  
(REF)

**D3499-042 CABLE GUARD ASSEMBLY**

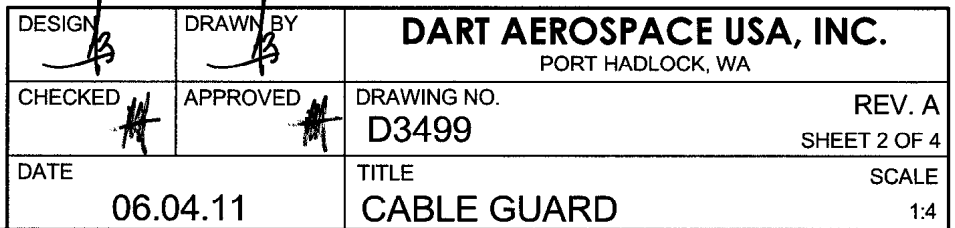
QTY -042	P/N	DESCRIPTION
X	D3499-042	CABLE GUARD ASSEMBLY
1	D3499-2	MOUNTING PLATE
1	D3499-3	PLASTIC GUARD
2	D3499-5	PLACARD
5	AN3C6A	BOLT
10	AN960C10L	WASHER
5	MS21043-3	NUT
5	NAS1515H3L	WASHER

**NOTES:**

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) BREAK ALL SHARP EDGES 0.005 TO 0.010

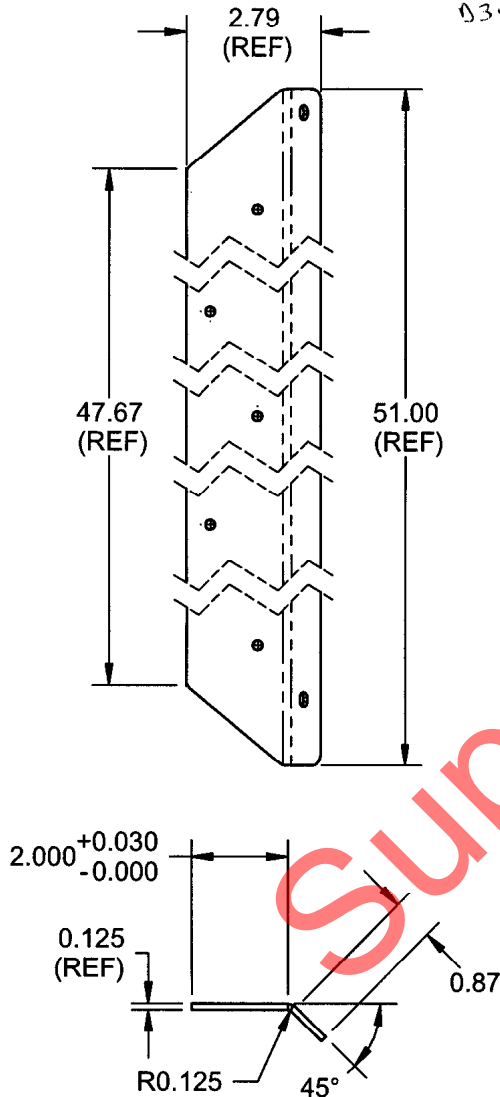
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06-05-03 *[Signature]*

06.07.07 CB  
D3449-2 drawn wrong

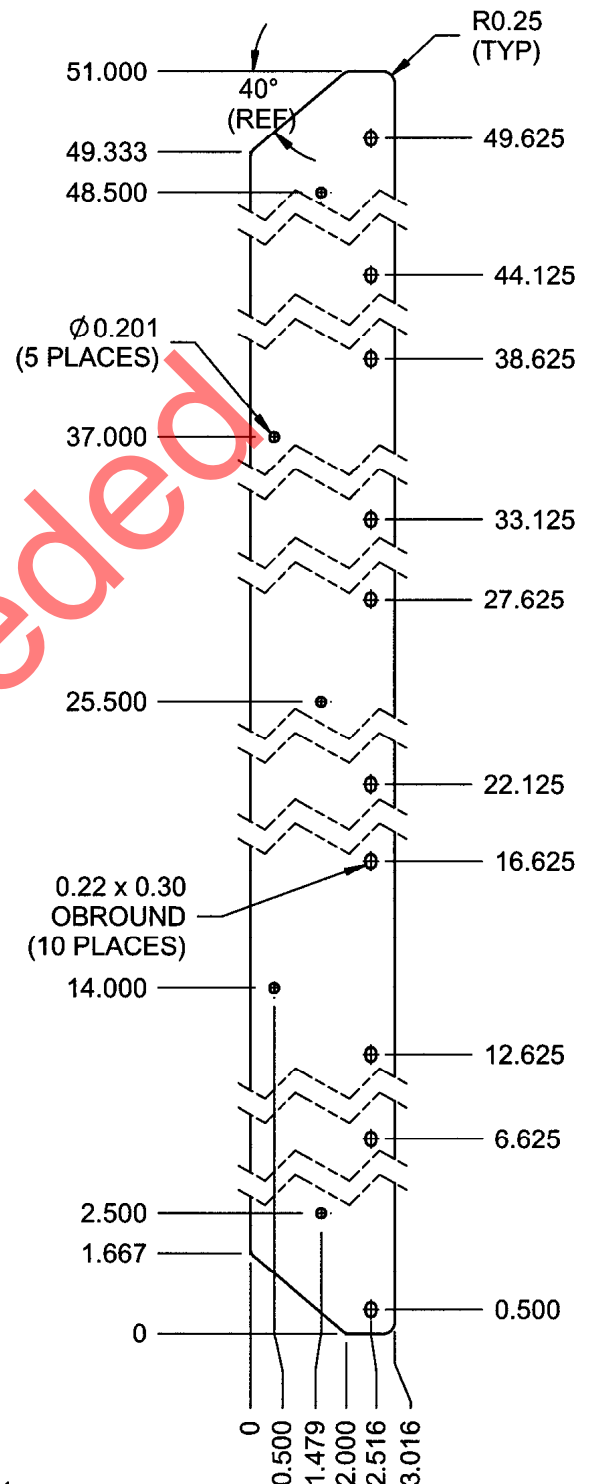


Technical drawing showing a vertical assembly with dimensions and a large red watermark "Superceded".

Dimensions and labels:





- 51.00 (REF)
- 37.000
- 25.500
- 0.22 x 0.30 OBROUND (10 PLACES)
- 14.000
- 0.87
- (5 PLACES)

- 1) MATERIAL: 6061-T6 ALUMINUM SHEET (0.125 THICK)  
PER AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027  
(REF. DART SPEC. M6061T6S.125)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005. 4.1  
POWDER COAT WHITE (REF. 4.3.5.2) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
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## **D3499-2F MOUNTING PLATE FLAT PATTERN**

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CHECKED 	APPROVED 	DRAWING NO. <b>D3499</b>	REV. A SHEET 3 OF 4
DATE <b>06.04.11</b>		TITLE <b>CABLE GUARD</b>	SCALE 1:4

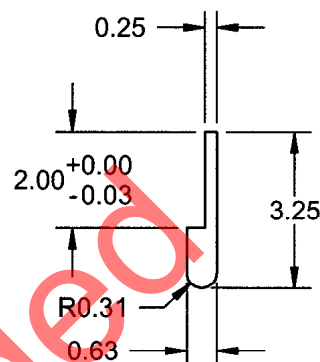
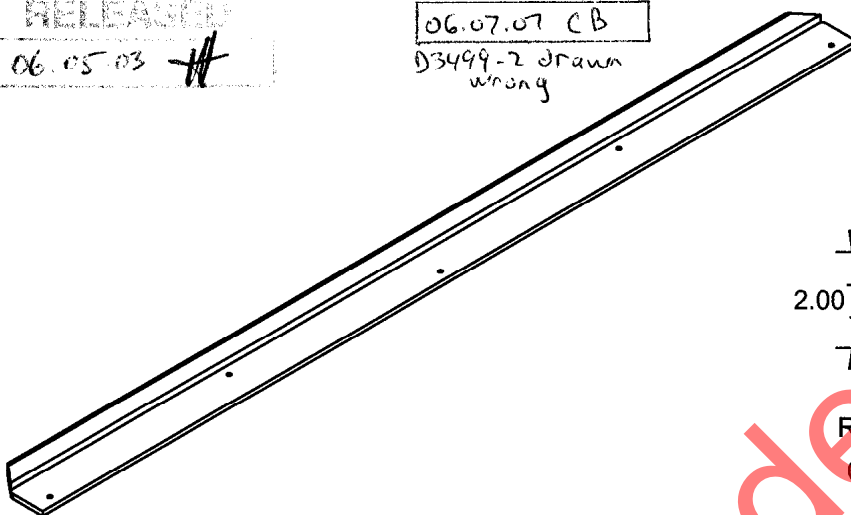
UNDER REVIEW

## REFERENCES

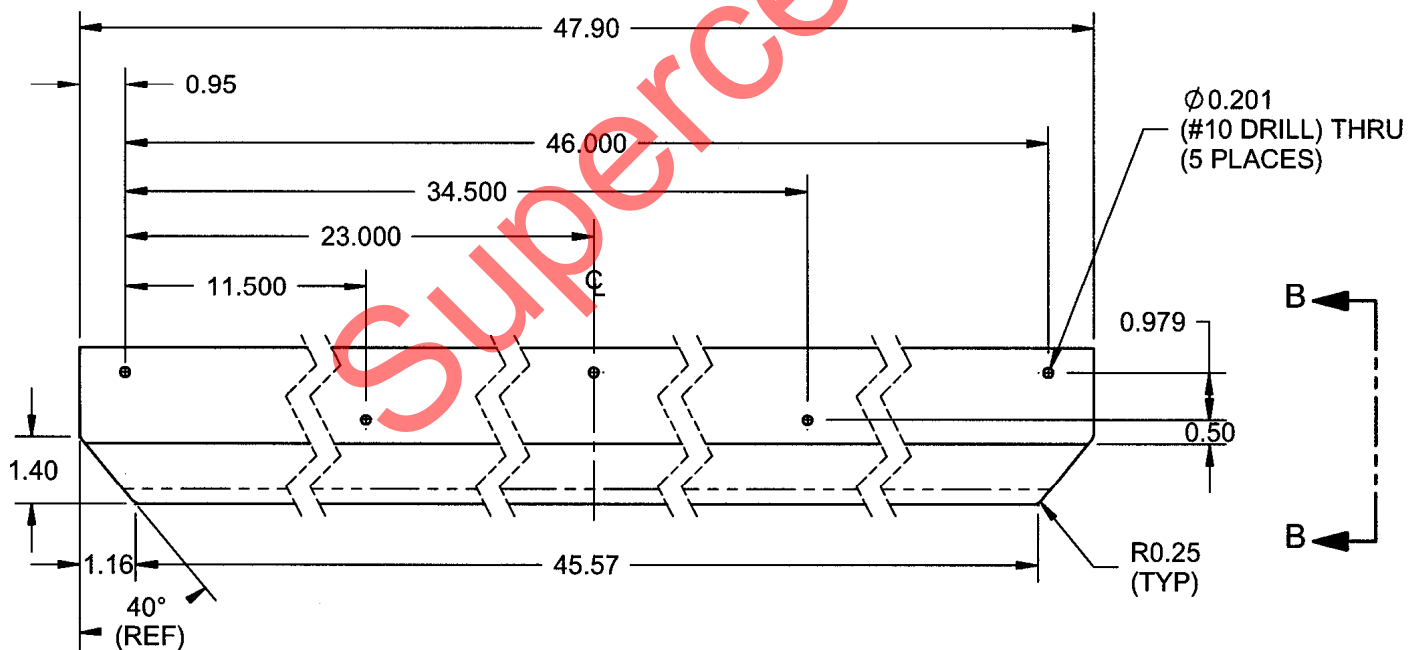
06.05.03

06.07.07 CB

D3499-2 drawn  
wrong



**VIEW B-B**



## D3499-3 CABLE GUARD

**NOTES:**

- 1) MATERIAL: UHMW BLACK TIVAR 1000 VIRGIN MATERIAL  
(MUHMWB)  
2) PART IS SYMMETRICAL AT CENTER LINE  
3) FINISH: NONE  
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED  
5) ALL DIMENSIONS ARE IN INCHES  
6) BREAK ALL SHARP EDGES 0.005 TO 0.010

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**DART**

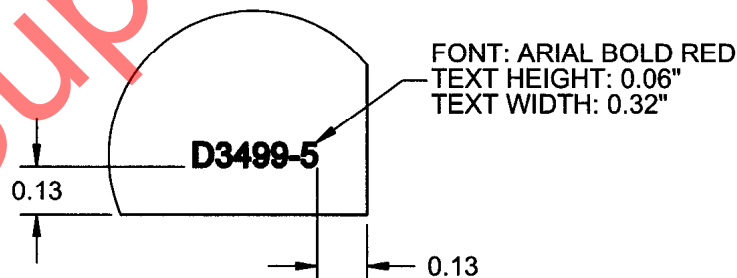
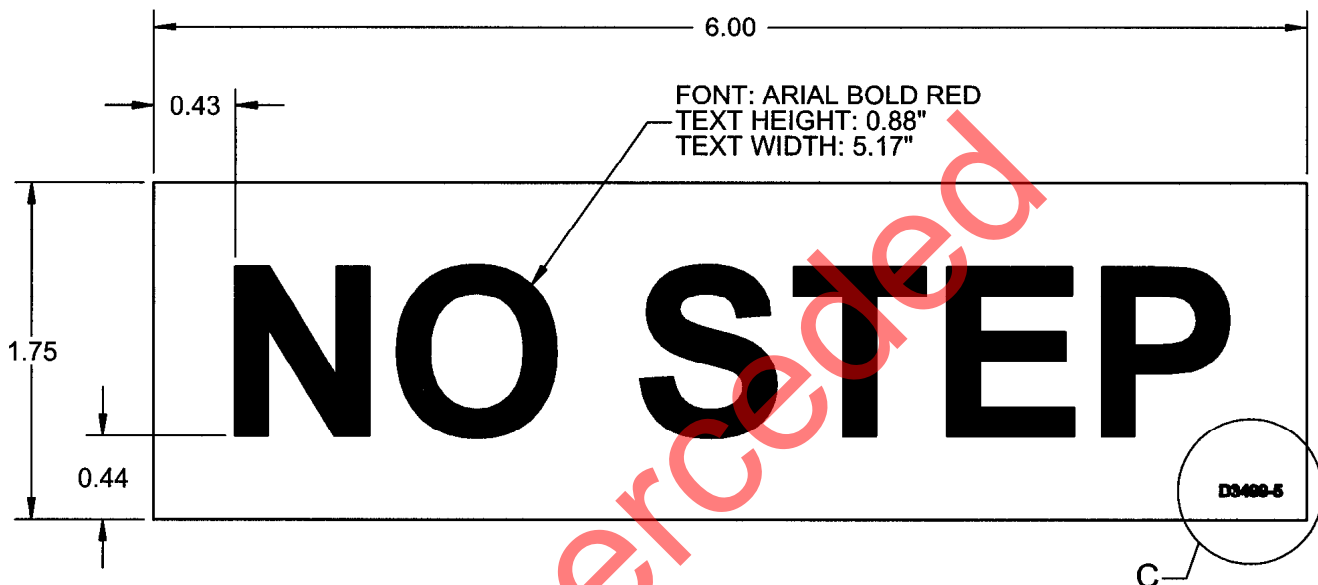
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DATE <b>06.04.11</b>		TITLE <b>CABLE GUARD</b>	SCALE 1:1

RELEASED

06.05.03 *[Signature]***UNDER REVIEW**

06.07.07 CB

D3499-2 drawn wrong

**DETAIL C**  
SCALE 1:2**D3499-5 PLACARD****NOTES:**

- 1) MATERIAL: RED LETTTERS ON WHITE ADHESIVE BACK VINYL  
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP OR  
AVERY IPM #2031. SIZE IS 6.00" LONG" x 1.75" WIDE
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES
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